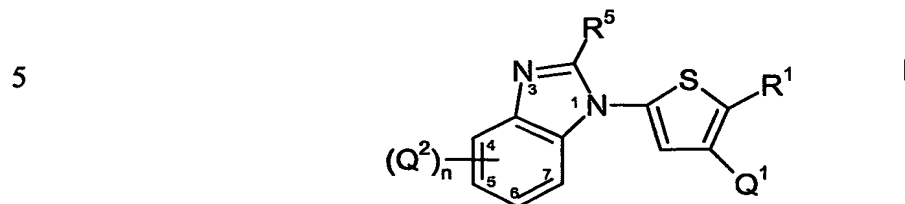


CLAIMS

1. A process for preparing a compound of formula (I):



wherein:

R^1 is selected from the group consisting of H, alkyl, alkenyl, alkynyl,
 10 $-C(O)R^7$, $-CO_2R^7$, $-C(O)NR^7R^8$, $-C(O)N(R^7)OR^8$,
 $-C(O)N(R^7)-R^2-OR^8$, $-C(O)N(R^7)-Ph$, $-C(O)N(R^7)-R^2-Ph$,
 $-C(O)N(R^7)C(O)R^8$, $-C(O)N(R^7)CO_2R^8$, $-C(O)N(R^7)C(O)NR^7R^8$,
 $-C(O)N(R^7)S(O)_2R^8$, $-R^2-OR^7$, $-R^2-O-C(O)R^7$, $-C(S)R^7$,
 $-C(S)NR^7R^8$, $-C(S)N(R^7)-Ph$, $-C(S)N(R^7)-R^2-Ph$, $-R^2-SR^7$,
 15 $-C(=NR^7)NR^7R^8$, $-C(=NR^7)N(R^8)-Ph$, $-C(=NR^7)N(R^8)-R^2-Ph$,
 $-R^2-NR^7R^8$, $-CN$, $-OR^7$, $-S(O)R^7$, $-S(O)_2NR^7R^8$, $-S(O)_2N(R^7)-Ph$,
 $-S(O)_2N(R^7)-R^2-Ph$, $-NR^7R^8$, $N(R^7)-Ph$, $-N(R^7)-R^2-Ph$, $-N(R^7)-$
 SO_2R^8 and Het;

Ph is phenyl optionally substituted from 1 to 3 times with a substituent
 20 selected from the group consisting of halo, alkyl, $-OH$, $-R^2-OH$,
 $-O$ -alkyl, $-R^2-O$ -alkyl, $-NH_2$, $-N(H)$ alkyl, $-N(alkyl)_2$, $-CN$ and $-N_3$;

Het is a 5-7 membered heterocycle having 1, 2, 3 or 4 heteroatoms
 selected from N, O and S, or a 5-6 membered heteroaryl having
 1, 2, 3 or 4 heteroatoms selected from N, O and S, each
 25 optionally substituted from 1 to 2 times with a substituent
 selected from the group consisting of halo, alkyl, oxo, $-OH$,
 $-R^2-OH$, $-O$ -alkyl, $-R^2-O$ -alkyl, $-NH_2$, $-N(H)$ alkyl, $-N(alkyl)_2$, $-CN$
 and $-N_3$;

Q^1 is a group of formula: $-(R^2)_a-(Y^1)_b-(R^2)_c-R^3$

30 a, b and c are the same or different and are each independently 0 or 1
 and at least one of a or b is 1;

n is 0, 1, 2, 3 or 4;

Q^2 is a group of formula: $-(R^2)_{aa}-(Y^2)_{bb}-(R^2)_{cc}-R^4$

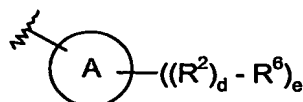
or two adjacent Q^2 groups are selected from the group consisting of alkyl, alkenyl, $-OR^7$, $-S(O)_tR^7$ and $-NR^7R^8$ and together with the carbon atoms to which they are bound, they form a C_{5-6} cycloalkyl, C_{5-6} cycloalkenyl, phenyl, 5-7 membered heterocycle having 1 or 2 heteroatoms selected from N, O and S, or 5-6 membered heteroaryl having 1 or 2 heteroatoms selected from N, O and S;

aa, bb and cc are the same or different and are each independently 0 or 1;

each Y^1 and Y^2 is the same or different and is independently selected from the group consisting of $-O-$, $-S(O)_t-$, $-N(R^7)-$, $-C(O)-$, $-OC(O)-$, $-CO_2-$, $-C(O)N(R^7)-$, $-C(O)N(R^7)S(O)_2-$, $-OC(O)N(R^7)-$, $-OS(O)_2-$, $-S(O)_2N(R^7)-$, $-S(O)_2N(R^7)C(O)-$, $-N(R^7)S(O)_2-$, $-N(R^7)C(O)-$, $-N(R^7)CO_2-$ and $-N(R^7)C(O)N(R^7)-$;

each R^2 is the same or different and is independently selected from the group consisting of alkylene, alkenylene and alkynylene;

each R^3 and R^4 is the same or different and is each independently selected from the group consisting of H, halo, alkyl, alkenyl, alkynyl, $-C(O)R^7$, $-C(O)NR^7R^8$, $-CO_2R^7$, $-C(S)R^7$, $-C(S)NR^7R^8$, $-C(=NR^7)R^8$, $-C(=NR^7)NR^7R^8$, $-CR^7=N-OR^7$, $-OR^7$, $-S(O)_tR^7$, $-S(O)_2NR^7R^8$, $-NR^7R^8$, $-N(R^7)C(O)R^8$, $-N(R^7)S(O)_2R^8$, $-NO_2$, $-CN$, $-N_3$ and a group of formula (ii):



ii

wherein:

Ring A is selected from the group consisting of C_{5-10} cycloalkyl, C_{5-10} cycloalkenyl, aryl, 5-10 membered heterocycle having 1, 2 or 3 heteroatoms selected from N, O and S and 5-10 membered heteroaryl having 1, 2 or 3 heteroatoms selected from N, O and S

each d is 0 or 1;

e is 0, 1, 2, 3 or 4;

each R⁶ is the same or different and is independently selected

from the group consisting of H, halo, alkyl, alkenyl,

alkynyl, cycloalkyl, cycloalkenyl, Ph, Het,

-CH(OH)-R²-OH, -C(O)R⁷, -CO₂R⁷, -CO₂-R²-Ph,

-CO₂-R²-Het, -C(O)NR⁷R⁸, -C(O)N(R⁷)C(O)R⁷,

-C(O)N(R⁷)CO₂R⁷, -C(O)N(R⁷)C(O)NR⁷R⁸,

-C(O)N(R⁷)S(O)₂R⁷, -C(S)R⁷, -C(S)NR⁷R⁸, -C(=NR⁷)R⁸,

-C(=NR⁷)NR⁷R⁸, -CR⁷=N-OR⁷, =O, -OR⁷, -OC(O)R⁷,

-OC(O)Ph, -OC(O)Het, -OC(O)NR⁷R⁸, -O-R²-S(O)₂R⁷,

-S(O)_fR⁷, -S(O)₂NR⁷R⁸, -S(O)₂Ph, -S(O)₂Het, -NR⁷R⁸,

-N(R⁷)C(O)R⁸, -N(R⁷)CO₂R⁸, -N(R⁷)-R²-CO₂R⁸,

-N(R⁷)C(O)NR⁷R⁸, -N(R⁷)-R²-C(O)NR⁷R⁸, -N(R⁷)C(O)Ph,

-N(R⁷)C(O)Het, -N(R⁷)Ph, -N(R⁷)Het,

-N(R⁷)C(O)NR⁷-R²-NR⁷R⁸, -N(R⁷)C(O)N(R⁷)Ph,

-N(R⁷)C(O)N(R⁷)Het, -N(R⁷)C(O)N(R⁷)-R²-Het,

-N(R⁷)S(O)₂R⁸, -N(R⁷)-R²-S(O)₂R⁸, -NO₂, -CN and -N₃;

wherein when Q¹ is defined where b is 1 and c is 0, R³ is not halo,

-C(O)R⁷, -C(O)NR⁷R⁸, -CO₂R⁷, -C(S)R⁷, -C(S)NR⁷R⁸,

-C(=NR⁷)R⁸, -C(=NR⁷)NR⁷R⁸, -CR⁷=N-OR⁷, -OR⁷, -S(O)_fR⁷,

-S(O)₂NR⁷R⁸, -NR⁷R⁸, -N(R⁷)C(O)R⁸, -N(R⁷)S(O)₂R⁸, -NO₂, -CN

or -N₃;

wherein when Q² is defined where bb is 1 and cc is 0, R⁴ is not halo,

-C(O)R⁷, -C(O)NR⁷R⁸, -CO₂R⁷, -C(S)R⁷, -C(S)NR⁷R⁸,

-C(=NR⁷)R⁸, -C(=NR⁷)NR⁷R⁸, -CR⁷=N-OR⁷, -OR⁷, -S(O)_fR⁷,

-S(O)₂NR⁷R⁸, -NR⁷R⁸, -N(R⁷)C(O)R⁸, -N(R⁷)S(O)₂R⁸, -NO₂, -CN

or -N₃;

R⁵ is selected from the group consisting of H, halo, alkyl, cycloalkyl,

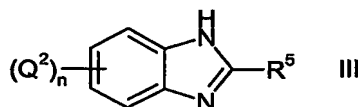
-OR⁷, -S(O)_fR⁷, -NR⁷R⁸, -NHC(O)R⁷, -NHC(O)NR⁷R⁸ and

-NHS(O)₂R⁷;

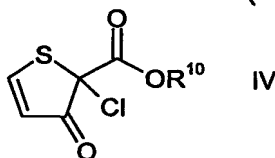
f is 0, 1 or 2; and

each R⁷ and each R⁸ are the same or different and are each independently selected from the group consisting of H, alkyl, alkenyl, alkynyl, cycloalkyl and cycloalkenyl; or a pharmaceutically acceptable salt, solvate or physiologically functional derivative thereof;

said process comprising the steps of reacting one equivalent of a compound of formula (III):



or an acid addition salt thereof, with one equivalent of a compound of formula (IV):



wherein R¹⁰ is selected from alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl and suitable carboxylic acid protecting groups; in the presence of a base additive.

2. The process according to claim 1, wherein said base additive is selected from the group consisting of sodium bicarbonate, triethylamine, sodium acetate, *N*-methylimidazole, pyridine and *N*-methylbenzimidazole.

3. The process according to claim 1, wherein said base additive is sodium bicarbonate.

4. The process according to claim 1, wherein said base additive is *N*-methylimidazole.

5. The process according to claim 1, wherein said reaction is carried out in an inert solvent.